

Application No.:10/753,719

Docket No.: JCLA12587

In The Claims

Please amend the claims as follows:

Claim 1. (currently amended) A capsule endoseopyendoscope system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoseopyendoscope, having a first transceiver, wherein the capsule type endoseopyendoscope is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory; and

an image processor, wherein the first transceiver of the capsule type endoseopyendoscope transmits the image data to the second transceiver of the data recorder, ~~which~~ the image data is stored in the memory and transmitted to the image processor by the third transceiver in a wireless manner.

Claim 2. (currently amended) The capsule endoseopyendoscope system of claim 1, wherein the transmission between the first and the second transceivers is continuous.

Claim 3. (currently amended) The capsule endoseopyendoscope system of claim 1, further comprising a trigger, disposed in the data recorder or the image processor.

Claim 4. (currently amended) The capsule endoseopyendoscope system of claim 3, wherein the image processor has a fourth transceiver, adapted to receive the image data transmitted from the third transceiver.

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Claim 5. (currently amended) The capsule endoseopyendoscope system of claim 4, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

Claim6. (currently amended) The capsule endoseopyendoscope system of claim 1, further comprising a display coupled to the image processor for displaying the image of the digestdigestive tract.

Claim 7. (currently amended) A capsule endoseopyendoscope system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoseopyendoscope, having a first transceiver, wherein the capsule type endoseopyendoscope is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory;

a fourth transceiver; and

an image processor, wherein the first transceiver of the capsule type endoseopyendoscope transmits the image data to the second transceiver of the data recorder, ~~which~~ the image data is stored in the memory and transmitted to the fourth transceiver and the image processor by the third transceiver in a wireless manner.

Claim 8. (currently amended) The capsule endoseopyendoscope system of claim 7, wherein the transmission between the first and the second transceivers is continuous.

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Claim 9. (currently amended) The capsule ~~endoseopy~~endoscope system of claim 7, further comprising a trigger, disposed in the data recorder or the image processor.

Claim 10. (currently amended) The capsule ~~endoseopy~~endoscope system of claim 9, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

Claim 11. (currently amended) The capsule ~~endoseopy~~endoscope system of claim 7, further comprising a display coupled to the image processor for displaying the image of the ~~digest~~digestive tract.

Claim 12. (currently amended) The capsule ~~endoseopic~~endoscope system of claim 1, wherein the image data is immediately transmitted to the image processor by the third transceiver.

Claim 13. (currently amended) The capsule ~~endoseopic~~endoscope system of claim 7, wherein the image data is immediately transmitted to the fourth transceiver by the third transceiver.